



L3 ANSWER 58 OF 379 CA COPYRIGHT 2004 ACS on STN
AN 137:189430 CA
ED Entered STN: 19 Sep 2002
TI Ultrahigh-strength **cement** concrete containing **zeolite**
IN Gu, Fan-feng
PA Taiwan
SO Jpn. Kokai Tokkyo Koho, 12 pp.
CODEN: JKXXAF

DT Patent
LA Japanese
IC ICM C04B028-22
ICS C04B028-22; C04B007-12; C04B022-08; C04B103-14; C04B111-00
CC 58-2 (Cement, Concrete, and Related Building Materials)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002255621	A2	20020911	JP 2001-31640	20010208
PRAI	JP 2001-31640		20010208		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
JP 2002255621	ICM	C04B028-22
	ICS	C04B028-22; C04B007-12; C04B022-08; C04B103-14; C04B111-00

AB Ultrahigh-strength **cement** concrete contains **cement**, **zeolite**, coarse aggregate, fine aggregate, water, and additives, wherein 0.5-40% **cement** is replaced with **zeolite** as a pozzolanic material to carry out the pozzolan reaction with **cement** to generate a low-d. colloidal Ca silicate hydrate, which is filled in cavity of concrete to crosslink various material to enhance the strength.

ST ultrahigh strength concrete **zeolite**

IT Plasticizers
(superplasticizers; ultrahigh-strength **cement** concrete contg. **zeolite**)

IT Concrete
Strength
(ultrahigh-strength **cement** concrete contg. **zeolite**)

IT **Pozzolans**
Zeolites (synthetic), uses